

**1110 DRAINAGE STAKES**

Ditches, dikes, crown ditches, crown dikes, and drainage channels shall be staked to a gradient and alignment which will cause the minimum of erosion and which will conform to the Roadway Construction Standards for the item.

Drainage channels shall be slope staked to conform to dimensions and slopes as shown on the plans. The method of staking shall be the same as that used in staking the roadway section.

A drainage excavation book shall be prepared in the same manner as the cross section book for the purpose of computing drainage excavation quantities. The top of each page shall indicate the location, size and length of each ditch or channel. Use a page to sketch the channel in order to indicate a tie to centerline of roadway and position of ditch in relation to the roadway.

Care must be taken when staking drainage excavation at the inlet and outlet ends of structures to make certain that the normal flow of water is not restricted and that a minimum amount of erosion will occur at the location of the structure.

Crown dikes, crown ditches, and grader ditches must be staked as soon as slope rounding of cuts has been performed so that the Contractor can promptly construct such facilities, thus protecting the slope rounding and cut slopes from erosion. All ditches specified to be measured by the linear foot will be recorded in a prepared miscellaneous book showing type, location and length.